

What Is Claimed Is:

1. A transmission circuit comprising:
 - a power amplifier whose gain is controlled;
 - 5 a detector which detects a transmission signal from the power amplifier and outputs a detection voltage corresponding to a level of the signal; and
 - a gain controller which compares a transmission power set voltage for setting the level of the transmission signal to be
 - 10 outputted from the power amplifier with the detection voltage and supplies a gain control voltage to the power amplifier, wherein the transmission power set voltage is sent through a low pass filter to the gain controller.
- 15 2. The transmission circuit according to Claim 1, wherein the low pass filter includes an integration circuit.
3. The transmission circuit according to Claim 1, wherein there is an open/close switch to activate or inactivate the power
- 20 amplifier, and wherein the transmission power set voltage is sent through the open/close switch to the low pass filter.